Morbidity and Mortality





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Public Health Service

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Provisional Information on Selected Notifiable Diseases in the United States and on Deaths in Selected Cities for Week Ended November 17, 1956

Of the 48 cases of diphtheria reported this week, 15 were in Michigan, 6 in Texas, and 4 each in Georgia and Nebraska.

Missouri reported 7 cases of typhoid fever this week, but 6 of these actually occurred in August. They were associated with a church camp meeting held late in July at Monark Springs. Details of the outbreak were given in this report for the weeks ended August 25 and September 1.

The numbers of reported cases of <u>poliomyelitis</u> by type for the United States for the current week, disease year, and calendar year are:

	CURR	ENT EK		EASE EAR	CALENDAR YEAR		
TYPE	1956	1955	1956	1955	1956	1955	
TOTAL	235	457	13,582	26,951	14,649	28,014	
Paralytic Nonparalytic Unspecified	117 69 49	201 150 106	5,728 5,383 2,471	9,542 10,472 6,937	6,311 5,668 2,670	10,006 10,762 7,246	

EPIDEMIOLOGICAL REPORTS

Q fever

Dr. D. S. Fleming, Minnesota Department of Health, has reported a case of Q fever in a 73-year-old man. He developed a sudden onset of chills, fever, sweats, pain in chest over sternum and lower ribs, and some cough with reddish brown sputum. Rales were present, but the X-ray findings were negative. The patient's white blood count was 11,750. There was no response to penicillin but there was rapid clinical recovery with broad spectrum antibiotics. The complement fixation test for Q fever was negative for a blood specimen collected 6 days after onset. The titer rose to 1:64 on a specimen collected during the third week and to 1:128 on a specimen collected during the fifth week. In each instance complement fixation tests for psittacosis and cold agglutinins were negative. The patient traveled extensively during the incubation period of the disease but denies any contact with animals. However, he did visit a State fair, not far from his home, where cattle, horses, sheep, and chickens were exhibited. He also consumed raw cream which came from a cow that showed the absence of Q fever on complement fixation test.

Botulism

Information has been received of 2 fatal cases of botulism in a family living in Maryland. Seven other members of the family were also hospitalized. The suspected vehicle of infection is a home-canned product.

Rabies in a bat

Dr. F S. Leeder, Michigan Department of Health, has reported a case of rabies in a bat. The bat was found on the ground by a 9-year-old boy when returning to school after lunch. The

boy took it to school with him, and after school he took it to a Cub Scout meeting where the bat bit him. After the meeting the boy took the bat home, and it was put in a cage. Seven days later the bat was found on the floor of the cage, apparently in a moribund condition. Later in the day it died. A local veterinarian sent the head of the bat to a laboratory where a slide preparation was made, but no Negri bodies were found. However, Negri bodies were found in mice inoculated with material from the bat's brain. Antirabic treatment was started on the boy approximately 3 weeks after the incident.

The animal was identified as a large brown bat, Eptesicus fuscus fuscus. This is a migratory bat, but many are observed to winter in the State.

Salmonellosis

Dr. James R. Enright, Hawaii Department of Health, has given preliminary information on an outbreak of salmonellosis among laborers in a rural area. An investigation revealed that at least 2 laborers had cramps and diarrhea about 12 hours after an evening meal. This meal consisted of soup, meat, and rice. The meat was probably from an animal butchered by the laborers with the help of their roommate and a neighbor. They frequently butchered animals and peddled the uninspected meat through the camp and to other places. Laboratory examination of a sample of the meat revealed Salmonella enteritidis. The same organism was also isolated from the 2 patients.

Dr. Tartakow, Nassau County (New York) Health Department, has reported an outbreak of 38-cases of an illness in a school. An investigation revealed the only meal in common was that served at noonthe day prior to onset of the first case. Thus, the incubation period was estimated to be from 21 to 52 hours. No food served at this meal was available for laboratory tests. Stool specimens from 20 patients were tested, but only 1 revealed a Salmonella organism. No illness was reported among the food handlers, and there was no report on stool cultures from them.

Metallic food poisoning

The Oregon State Board of Health has given preliminary information on an outbreak of metallic poisoning following the consumption of an acid drink. The drink had been stored for several days in a chipped enamelware container.

Gastro-enteritis

Dr. Tartakow, Nassau County (New York) Health Department, has reported an outbreak of gastro-enteritis following a wedding party. Twenty-eight of the 90 persons who attended, became ill with vomiting, diarrhea, and abdominal cramps from $1\frac{1}{2}$ to $7\frac{1}{2}$ hours after eating food served at the party. The food was prepared in private homes by individuals who were not equipped to handle a large volume of food. Bacteriologic examination of a number of sandwiches (ham salad, egg salad, and cream cheese) revealed coagulase-positive, hemolytic Staphylococcus aureus.

The Illinois Department of Public Health has reported an outbreak of gastro-enteritis following a bridal shower. Ten persons became ill about 2 hours after eating food at the party. The food consisted of ground beef and bologna sandwiches,

baked beans, potato salad, carrot and pea salad, and pickles. The beef was cooked the day before, the bone removed, and then allowed to cool before refrigeration. The next morning the meat was ground and mixed with pickles and salad dressing. Later the sandwiches were made and served at noon. Specimens of meat submitted to the laboratory yielded hemolytic staphylococci.

The Los Angeles City Health Department has reported an outbreak of gastro-enteritis among 200 persons who ate in a restaurant. Of these, 24 developed vomiting, cramps, diarrhea, and chills from 3 to 12 hours later. Each patient had eaten at least one tamale, the suspected vehicle of infection. The ingredients used in the tamales were pork shoulder, chile, tomato sauce, garlic, ground corn, salt, and lard. The pork was boiled for 3 hours, cooled, and chopped by hand. After chopping, it

was added to the rest of the tamale ingredients. The finished products were placed in pans of 100 each and refrigerated. The tamales were cooked for 2 hours just prior to time of service. Bacteriologic examination of specimens of tamales, potato salad, and cake were negative for pathogenic organisms.

Communicable diseases in other areas

A moderate outbreak of <u>influenza-like disease</u> has been reported among the civilian population in Antigua, British West Indies. No confirmatory laboratory tests were reported.

An outbreak of typhoid fever has been reported in a town located at the eastern end of Cuba, near the city of Guantanamo, which is about 25 miles from the U.S. Naval Base at Guantanamo Bay. As of November 8, approximately 80 cases had been reported.

Table 1. CASES OF SPECIFIED NOTIFIABLE DISEASES: CONTINENTAL UNITED STATES

(Numbers after diseases are category numbers of the Sixth Revision of the International Lists, 1948)

	4	6th WEEK		CUMULATIVE NUMBER							
DISEASE	Ended	Ended		Fi	rst 46 wee	ks	Since s	Approxi- mate			
	Nov. 17, 1956	Nov. 19, 1955	Median 1951-55	1956	1955	Median 1951-55	1955-56	1954-55	Median 1950-51 to 1954-55	seasonal low point	
Anthrax062	-			34	26	31.	(1) (1)	(1)	(1) (1)	(1)	
Botulism049.1	-	1.00		12	6		(1)	(1)	(1)	(1) (1)	
Brucellosis (undulant fever)044	22	20		² 969	1,138						
Diphtheria055	48	63	74	1,299	1,598	2,077	473	889	1,025	July 3	
Encephalitis, infectious082	32	14	16	2,009	1,384	1,384	1,380	824	824	June 3	
Hepatitis, infectious,			1					1			
and serum092, N998.5 pt.	285	510		17,273	28,815						
Malaria110-117	2	4		220	434		(1)	(1)	(¹)	(1)	
Measles085	2,471	2,151	2,320	591,196	530,228	530,228	14,502	11,829	13,472	Sept. 1	
Meningococcal infections057	34	79	79	2,414	3,105	3,677	449	534	663	Sept. 1	
Meningitis, other340	47			1,419							
Poliomyelitis080	235	457	573	14,649	28,014	34,071	13,582	26,951	32,490	Apr. 1	
Psittacosis096.2	2	7		456	250		(1)	(1)	(1)	(1)	
Rabies in man094	7.5	-	-	8	5	10	(-)	(1)	(1)	(1)	
Smallpox084	-	-	-		27.0	5	(1)	(1)	(1)	(1)	
Typhoid fever040	26	21	38	1,643	1,556	2,104	1,330	1,249	1,699	Apr. 1	
Typhus fever, endemic101	4	1		96	120		(1)	(1)	(¹)	(1)	
Rabies in animals	58	95	117	4,219	4,590	6,378	467	555	781	Oct. 1	

¹Frequencies are too small.

SOURCE AND NATURE OF MORBIDITY DATA

These provisional data are based on reports to the Public Health Service from health departments of each State and of Alaska, Hawaii, and Puerto Rico. They give the total number of cases of certain communicable diseases reported during the week usually ended the preceding Saturday. Cases of anthrax, botulism, rabies in man, and smallpox are not shown in table 2,

but a footnote to table 1 shows the States making the reports. In addition, when diseases of rare occurrence (cholera, dengue, plague, relapsing fever—louse borne, typhus fever—epidemic, and yellow fever) are reported, they will be noted at the end of table 1.

Symbols. -1 dash [-]: no cases reported; 3 dashes [---]: data not available.

²Includes revised report from Iowa for week ended October 27.

Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED NOVEMBER 19, 1955 AND NOVEMBER 17, 1956

(By place of occurrence. Numbers under diseases are category numbers of the Sixth Revision of the International Lists, 1948)

AREA	BRUCEL (UNDU FEV	LANT	1 . 7	DIPHTH	ERIA 055		ENCEPHA INFECT	,			NFECTIOUS, ,N998.5 pt	
AREA	04.4		46th	week		ative 6 weeks	08	2	46th week		Cumulative first 46 weeks	
	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955
CONT. UNITED STATES	22	20	48	63	1,299	1,598	32	14	285	510	17,273	28,81
NEW ENGLAND	2	-		1	13	23	1	T.	17	38	1,104	2,539
Maine	1	-	-	-	1	-	-	-	11	9	279	328
Vermont	_			_	_	2		= =	1	2 2	31 153	75 23]
Massachusetts	_ 1	-	-	1	12	21	1	-	3	7	281	866
Rhode Island	-			-		-	-		2	6 12	130 230	357 682
MIDDLE ATLANTIC	1		1	2	55	54	7	2	57	111	3,680	7,218
New York	1	-	1	2	19	34	6	2	33	71	1,955	3,945
New Jersey	-	-	1	-	17	6	1	-	8	2	348	460
Pennsylvania	-	-	-	-	19	14	-	= -	16	38	1,377	2,813
EAST NORTH CENTRAL	5	3	16	2	233	126	4	3	39	91	2,626	4,058
Indiana	1		1	2	17 92	32 34	2	1 2	11	15	644 348	720 558
Illinois	3	1	-	-	8	9	_		8	12	622	966
Michigan	-	1	15	-	114	48	2	-	17	15	712	1,148
Wisconsin	1	1		-	2	3	-	-	1	43	300	666
WEST NORTH CENTRAL	8	12	5	13	109 26	174 54	6	2	7 5	25 12	1,368	3,358
Iowa	3	2	_	_	17	6	_	1	1	7	446 348	1,207
Missouri	2	6	1	-	13	13	-	1	-	2	89	329
North Dakota	-	1	-	-	5 8	1 44	2	-		2	118	283
South Dakota	î	-	4	12	34	53		5 = 6	1	2	164	334
Kansas	2	-	-	-	6	3	4	_		5	93	213
SOUTH ATLANTIC	3	1-1	11	20	343	570	_	2	12	35	1,107	2,460
Delaware	-	-	-		-	1	-	-	-	-	31	46
Maryland	-	-]	1	-	3	13	- 1		-	6	86	343
District of ColumbiaVirginia	1	-		ī	1 30	2 35	-	2	5	11	20	41
West Virginia	-			-	7	17			1	11	446 61	1,001
North Carolina	-	-	2	2	61	76	_	-	2	5	115	317
South Carolina	1 1	-	3	2	81	179	-	-	4	4	63	76
Georgia			4	8	74 86	188 59	_			2 7	143	160 243
EAST SOUTH CENTRAL	2	3	5	10	185	326	3		25	29	1,525	
Kentucky	1	1	2	2	13	46	1		10	3	473	1,548
Tennessee	1	1	1	1	22	37	2	-	12	13	644	598
Alabama Mississippi	- 1	ī	2	4 3	97 53	201 42	-	-	2	6	195	292
	1			1		1		-			213	365
WEST SOUTH CENTRALArkansas	- 1	- 1	9	15	279 . 21	259 9	6	2	18	37 4	1,257	1,703
Louisiana		-	3	3	32	34	-	_	6	1	131	119
Oklahoma		-	- :	2	58	28	2	-	-	3	99	177
Texas	1		6	10	168	188	4	2	10	29	892	1,193
MOUNTAIN	-	1	1	-	29	18	-	-	25	71	1,481	2,259
Montana		_	-	-	1	3	-	-	4	10	352	382
Idaho	_		- [_	7	1 1	_	-	2	13	189	237
Colorado	-	-	-	-	3	1	-	_	3	13	336	473
New Mexico	-	-	1	-1	6	4	-	-	10	7	135	333
Arizona Utah	_ [_ [5	7		-	2	17	286	603
Nevada	-	-	-	-	-	2			-	1	71 8	73
PACIFIC	-	1	- 4	-	53	48	5	3	85	73	3,125	3,672
Washington	-	-	2	-	11	24	_	_	7	19	587	789
Oregon		- 1	-		11	-	-	-	15	20	624	= 1,007
California			-	-	31	24	5	3	63	34	1,914	1.876
Alaska					35			-	5	3	143	331
Puerto Rico		704. 4	2	2	70	64		-	1	13	215	76
									_		510	7.0

Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED NOVEMBER 19, 1955 AND NOVEMBER 17, 1956—Continued

(By place of occurrence. Numbers under diseases are category numbers of the Sixth Revision of the International Lists, 1948)

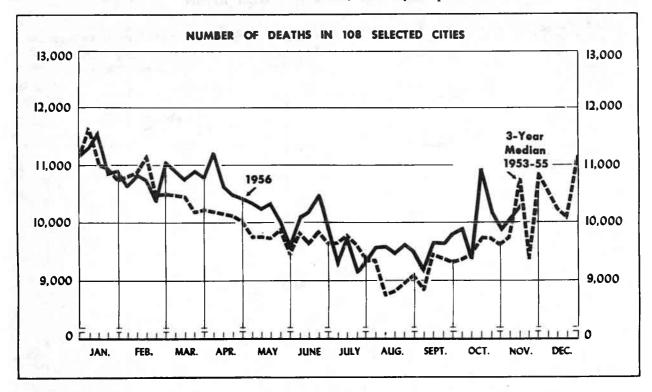
			P	OLIOMYELIT	IS 080								
2		T	otal ¹		Paral	ytic	Nonpar	alytic	MALARIA		MEAS	MEASLES	
AREA	46th	week		Cumulative first 46 weeks		080.0,080.1		080.2		117	085		
	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955	
CONT. UNITED STATES	235	457	14,649	28,014	117	201	69	150	2	4	2,471	2,15	
NEW ENGLAND	4	92 9	245 21	5,398 198	3	38	1	31 2	-	-	197 92	3	
New Hampshire	- 1	ĭ	3	220	-	-	-	-	-	_	-		
Vermont	-	4	21 109	121	- 3	3	1	20	- I	-	23 29	1	
Rhode Island	4 - -	52 15 11	9 82	3,819 405 635	-	24 2 2	-	- 8			2 51		
MIDDLE ATLANTIC	21	64	1,164	4,101	7	21	7	14	-	-	402	25	
New York	15	38	762	2,707	7	19	6	12	-	-	200	11	
New Jersey Pennsylvania	1 5	11.	207 195	664 730	_	2	1	2	-		61 141	2 11	
EAST NORTH CENTRAL	43		3,979		20	29	14	18	_		415	43	
Ohio	4.5 9	64 7	599	6,621 1,242	20 5	3	3	_ T9			18	1	
Indiana	7	11	383	412	3	6	2	5	-	-	63	1	
Illinois	9	14 7	1,815 653	1,359	3 6	6	4 3	5			46 172	20 18	
Wisconsin	9	25	529	1,167	3	اتد	2	5	_		116	2	
WEST NORTH CENTRAL	16	22	1,657	2,066	5	10	6	9	_	1	81	7	
Minnesota	3	- 5	200	578	3	3	-	2	-	1	26		
Missouri	5	8 7	621 406	543 259	1	2	1 3	2		-	14	1	
North Dakota	2		36	60		-	-		_ [_	24	2	
South Dakota	- 1	-	35	75	-	-	-	-	-	-	-		
NebraskaKansas	4 2	2	173 186	278 273	1	1	2	1			1	1	
		33				1	9	13		1	198	23	
SOUTH ATLANTIC	24	1	1,424	2,317 57	14	14	-	13		_	1 1	23	
Maryland	3	3	100	267	3	2	-	1	-	_	2	5	
District of Columbia	1 2	5	11 223	50 313	1	2	1	3	_	1	30	11	
Virginia	1	4	107	178	1	2		2	_	_	106	2	
North Carolina	6	5	315	435	4	3	2	-	-	-	4	1	
South Carolina	3	5 6	102 192	305 262	3	1 2		1 3	<u> </u>	-	17 5	1	
Florida	8	4	347	450	1	2	6	2	-	_	33	1	
EAST SOUTH CENTRAL	24	1.5	696	1,001	8	5	5	4		_	355	33	
Kentucky	8	5	186	416	5	-	2	2	-		-	23	
Tennessee	3 7	2 4	144 90	238 171	1	1 2	2	1	<u> </u>		247 102	8	
Mississippi	6	4	276	176	2	2	1	1	_	_	6		
WEST SOUTH CENTRAL	59	51	2,283	2,687	36	19	15	21	_	2	264	16	
Arkansas	11	4	200	183	9	1	2	3	-	7 -	24	2	
LouisianaOklahoma	216	5 10	601 216	366 292	3 7	5 2	1	5	15	_	14	2	
Texas	29	32	1,266	1,846	17	ונו	12	13	_	2	224	11	
MOUNTAIN	21	20	777	1,054	7	8	7	3		_	177	23	
Montana	2	- 1	44	145	1	-	-	1	-	- L	35	5	
Idahc	1	1	106 33	245 35	1	2	3		100	hally -	3 6	5	
Colorado	3	4	149	217	ī	4	2	1	J	-	7	7:	
New Mexico	2	2	75	126	-	1	1	1	E	Se 1 75	34	2	
Arizona	4 5	3 2	125 211	127 78	3	1	1	1		-	21 68	2	
Nevada		3	34	81		-		-	- 111		3		
PACIFIC	23	96	2,424	2,769	17	57	5	37	2	-	382	38	
Washington	1	16	185	479	1	6	العراب	8	-	_	127	9 3	
Oregon	20	15 65	160 2,079	393 1,897	1 15	11 40	5	25	2	1	30 225	255 255	
		- 00	12	59			-1	2-6-2	-		52	3.	
Alaska	ı	10	67	148	10.3	6	1	4	200	-	306	10	
Puerto Rico		1	51	447	-	1		-		-	63	10	

¹ Includes cases not specified by type, category number 080.3. 2 Includes 6 delayed cases.

Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED NOVEMBER 19, 1955 AND NOVEMBER 17, 1956—Continued

(By place of occurrence. Numbers under diseases are category numbers of the Sixth Revision of the International Lists, 1948)

	MENINGO INFECT		MENIN- GITIS, OTHER	PSITTA	cosis		CIOHYP	FEVER 040		TYPHUS FEVER, ENDEMIC	RABIES IN ANIMALS	
AREA	057		34 0	096	096.2		week	Cumul first 4		101	ANIM	ALS
	1956	1955	1956	1956	1955	1956	1955	1956	1955	1956	1956	1955
CONT. UNITED STATES	34	79	47	2	7	26	21	1,643	1,556	4	58	95
SIDI LINCI AND	_	4	2	3			,					
NEW ENGLAND	_	-	2 -	1		2	1	53 15	54 6	-		
New Hampshire	-	1	1	1		_	-	-	_			
Vermont	-	-	-	-		2	-	3	1		-	
Massachusetts	_	1	1	1 7.			1	17	14		× -1-	
Connecticut		2	- mi	_	_	_		6 12	2 11	-	E 74 2	
MIDDLE ATLANTIC	5	17	_		1	3	2	200	163	_	4	1
New York	3	3	_	-	_	-	1	58	41	-	3	î
New Jersey	1	4	-	-	1	1		32	26	-		
Pennsylvania	1	10	-		-	2	1	110	96	- 1	1	
EAST NORTH CENTRAL	п	26	7		-	-	5	214	157	-	2	
Ohio	5	4	-	-	-	-	-	56	68	-	-	
IndianaIllinois	1 1	8 1 8	6 1		-		1	30	23	-	1	
Michigan	4	4	_			_	3	36 50	32 26	-	1	
Wisconsin		2	200	W.	_	- 1	ı	42	8	400	-	300
WEST NORTH CENTRAL	-	_	1	_	2	9	1	194	90		10	10
Minnesota	_	-	-	_	2	-	-	37	7	1 - 24	3	
Iowa	-	-	1	_	- 1	2	- !	59	25	-	2	
Missouri	-	-	_	-	-	7	1	63	47		4	
South Dakota		_	-	-	_ [_	_ [6	5	-		100
Nebraska	_	_	_	_		_		13	4		1	
Kansas	-	-	-	_	-	_	_	13	2		-	
SOUTH ATLANTIC	- 6	8	8	-	4	3	1	265	285	1	12	15
Delaware	_	-	-	-	- 1	-	-	3	2	-	-	
MarylandDistrict of Columbia			2	_		_	_	17	21	-	-	1000
Virginia	1	2	4	1		_	_	12 54	6 43		- 2	
West Virginia	-	-	-	-	-	_	1	23	38	4_	_	
North Carolina	5	1	-	-	4	1	-	27	30		2	
South Carolina	п -	1	-	-	-	1	-	28	47	1	2	= "10"
GeorgiaFlorida		4	2			1 -		52 49	45 53	-	6	131 A
						_	_	43	25	_	-	
EAST SOUTH CENTRAL	3	9	14	-	-	-	3	222	239	-	12	1:
Tennessee	1	4 2	2 10	_			1	51	103		5	
Alabama	2	2	-			V	i	81 26	75 40		2 5	
Mississippi	-	ī	2	-	-	_		64	21	- 1	-	
WEST SOUTH CENTRAL	3	8	7	_	A 0 _	4	2	310	376	3	15	22
Arkansas	-	_	i	-	-	_	-	69	77	-	4	
Louisiana	1	1		_	-	-	_	44	77	-	10	12
Oklahoma	1	2 5	2	·		- 5	-	47	49	7.	1	
			4	_		4	2	150	173	3		4
MOUNTAIN	3	1	5	-	-	2	3	73	112	-	-	
MontanaIdaho		9	-	-	-	-		3	5	-	-	
dyoming	1				TURNE		1	3 2	12		-	
Colorado	ī	4-	3	1 2		1		21	12			TOE.
New Mexico	JHC -1	1	2		-			17	54		_	
Trizona		-	-		-	1	1	24	18		-	
ItahItahItah	1	-		Α.			- ī	1	4	-	-	
		- 6						2	1	-		
PACIFICVashington	3	6 1	3 1	1	1.11-4	3	3	112	100	-	3	16
Oregon	1	1	2		5 60 6			3 14	2 12	. v 31	-	
California	2	4	_	1		3	3	95	86		3	16
laska			1111	-		-		1	4		-	1100
Havaii	-	to literal		· ·	-	-	-		-	-	-	
Puerto Rico	-	-			-	1	2	73	46	2000-3	-	3 to 3 to 3



The chart shows the number of deaths reported for 108 major cities of the United States by week for the current year, and, for comparison, the median of the number of deaths reported for the corresponding weeks of the 3 previous calendar years. (The median is the central one of the three values arranged in order of magnitude.) If a report is not received from a city in time to be included in the total for the current week, an estimate is made to maintain comparability for graphic presentation.

The figures reported represent the number of death certificates received in the vital statistics offices during the week indicated for deaths occurring in that city. Figures compiled in this way, by week of receipt, usually approximate closely the number of deaths occurring during the week. However, differences are to be expected because of variations in the

interval between death and receipt of the certificate.

While week-to-week changes in the total number of deaths reported for all major cities generally represent a change in mortality conditions, this may not be true for variations in weekly figures for each city. For example, in a city with a weekly average of 50 deaths, the number of deaths occurring in a week \underline{m} ay be expected to vary by chance alone from 36 to 64 (d \pm $2\sqrt[3]{d}$, where d represents the average number of deaths per week).

The number of deaths in cities of the same size may also differ because of variations in the age, race, and sex composition of their populations, and because some cities are hospital centers serving the surrounding areas. Changes from year to year in the number of deaths may be due in part to population increases or decreases.

Table 3. DEATHS IN SELECTED CITIES BY GEOGRAPHIC DIVISION

(By place of occurrence, and week of filing certificate. Exclusive of fetal deaths)

4274	46th week ended	45th week ended	46th week median	Percent change, median	CUMULATIVE NUMBER FIRST 46 WEEKS			
AREA	Nov. 17, 1956	Nov. 10, 1956	1953-55	to current week	1956	1955	Percent change	
TOTAL: 105 REPORTING CITIES	10,143	9,999	10,663	-4.9	464,755	457,654	+1.6	
New England(14 cities)	681	656	742	-8.2	30,847	31,170	-1.0	
Middle Atlantic(16 cities)	2,962	2,734	3,122	-5.1	134,449	134,542	-0.1	
East North Central(17 cities)	2,179	2,240	2,312	-5.8	101,594	100,206	+1.4	
West North Central(8 cities)	707	730	756	-6.5	31,855	31,298	+1.8	
South Atlantic(9 cities)	785	744	797	-1.5	36,379	34,996	+4.0	
East South Central(8 cities)	421	444	492	-14.4	21,476	21,282	+0.9	
West South Central(13 cities)	884	807	815	+8.5	38,483	36,046	+6.8	
Mountain(8 cities)	236	251	243	-2.9	11,249	10,798	+4.2	
Pacific(12 cities)	1,288	1,393	1,329	-3.1	58,423	57,316	+1.	

Table 4. DEATHS IN SELECTED CITIES FOR WEEK ENDED NOVEMBER 17, 1956

(By place of occurrence, and week of filing certificate. Exclusive of fetal deaths)

CITY	46th week ended Nov.	45th week ended Nov.	CUMULATIV FIRST 4		CITY	46th week ended Nov.	45th week ended Nov.	CUMULATIVE FIRST 46	
	17, 1956	10, 1956	1956	1955		17, 1956	10, 1956	1956	1955
NEW ENGLAND					WEST NORTH CENTRAL—Con.				
Boston, Mass	259	229	10,445	10,595	St. Louis, Mo	214	249	10,626	10,00
Bridgeport, Conn	27	25	1,664	1,684	St. Paul, Minn	6 5	57	2,997	2,94
Cambridge, Mass	32 23	25 35	1,331 1,258	1,345	Wichita, Kans		(20)		(1,76
Martford, Conn	44	50	2,175	1,260 2,063	SOUTH ATLANTIC				
owell, Mass	21	29	1,080	1,167	Atlanta, Ga	102	102	4,935	4,76
ynn, Mass	21	21	953	1,008	Baltimore, Md	234	218	10,539	10,2
ew Bedford, Mass	25	20	1,041	1,098	Charlotte, N. C	21	21	1,382	1,26
ew Haven, Conn rovidence, R. I	42 58	50 55	2,071 2,812	1,953 2,902	Jacksonville, Fla	(70)	(50)	(2,349)	(2,18
omerville, Mass	12	9	697	687	Miami, Fla	57 33	53 45	2,331	2,3
pringfield, Mass	33	44	1,883	1,918	Richmond, Va	61	64	3,179	1,44 2,92
aterbury, Conn	23	24	1,152	1,149	Savannah, Ga	(33)	(31)	(1,309)	(1,30
orcester, Mass	61	40	2,285	2,341	Tampa, Fla	56	56	2,642	2,4
MIDDLE ATLANTIC					Washington, D. C	182	154	8,296	7,8
					Wilmington, Del	39	31	1,591	1,6
Albany, N. Y	37	42	2,212	2,177	EAST SOUTH CENTRAL				
Suffalo, N. Y	(32) 180	(40) 104	(1,690) 6,538	(1,649) 6,194	Birmingham, Ala	61	77	3,456	3,5
amden, N. J		(37)		(1,661)	Chattanooga, Tenn	45	38	1,921	1,9
Clizabeth, N. J	26	24	1,255	1,197	Knoxville, Tenn	18	21	1,498	1,5
Erie, Pa	48	23	1,499	1,576	Louisville, Ky	97	91	4,806	4,7
ersey City, N. J	59	65	3,157	3,154	Mobile, Ala	90 24	92 43	1,558	1,4
ewark, N. Jew York City, N. Y	97 1,599	96 1,452	4,418 70,896	4,559	Montgomery, Ala	19	24	1,291	1,1
sterson, N. J	46	44	1,720	71,457 1,683	Nashville, Tenn	67	58	2,473	2,5
hiladelphia, Pa	431	427	21,663	21,734	WEST SOUTH CENTRAL				
ittsburgh, Pa	178	184	8,316	8,080		00		3 055	
Reading, Pa	(16)	(16)	(979)	(1,038)	Austin, Tex	29 31	29 13	1,252	1,1
chester, N. Y	82 25	81 18	4,313	4,291	Corpus Christi, Tex	19	21	1,013	95
cranton, Pa	(30)	(32)	1,018 (1,553)	1,020 (1,537)	Dallas, Tex	121	115	4,933	4,4
yracuse, N. Y	63	57	2,689	2,519	El Paso, Tex	33	21	1,236	1,2
renton, N. J	32	55	1,995	2,179	Fort Worth, Tex	58	56	2,650	2,4
Itica, N. Y	40	32	1,410	1,417	Houston, Tex Little Rock, Ark	126	120	6,162	5,7
onkers, N. Y	19	30	1,350	1,305	New Orleans, La	49 169	47 161	2,125 7,213	2,0
EAST NORTH CENTRAL					Oklahoma City, Okla	56-	72	2,865	6,85
EET HOREL CENTER					San Antonio, Tex	98	78	3,999	3,8
kron, Ohio	66	47	2,408	2,377	Shreveport, La	3 5	43	2,051	1,8
anton, Ohio	33	31	1,292	1,244	Tulsa, Okla	60	31	2,079	2,0
hicago, Ill	778	725	33,428	33,152	MEATRUOM				
incinnati, Ohio	128 192	169 213	6,905 9,347	6,735 9,011	Albuquerque, N. Mex	25	21	1,059	1,0
olumbus, Ohio	96	117	4,905	4,858	Colorado Springs, Colo	9	11	592	5
ayton, Ohio	74	80	3,014	2,959	Denver, Colo	90	107	4,917	4,8
etroit, Mich	271	308	14,423	14,720	Ogden, Utah Phoenix, Ariz	17	15	589	50
vansville, Ind	23	25	1,494	1,454	Pueblo, Colo	22 16	20 13	1,168	1,0
lint, Mich	35 39	36 39	1,754 1,634	1,699 1,524	Salt Lake City, Utah	42	54	566 2,042	1 9
ort Wayne, Indary, Ind	(30)	(22)	(1,299)	(1,263)	Tucson, Ariz	15	10	316	1,91
rand Rapids, Mich	33	39	1,864	1,906	PACIFIC				_
ndianapolis, Ind	104	120	5,340	5,018		10	0.5		
ilwaukee, Wis	117	112	5,674	5,668	Berkeley, Calif	16 71	25 52	751	8.
eoria, Ill.	38	(19)	1,330	1,346	Los Angeles, Calif	409	499	21,229	20,8
outh Bend, Ind.	98	(19) 111	4,304	(1,134) 4,211	Oakland, Calif	93	87	4,145	3,9
oledo, Ohio	54	49	2,478	2,324	Pasadena, Calif	36	≜ 2	1,598	1,6
			_,	_,	Portland, Oreg	111	116	4,333	4,2
WEST NORTH CENTRAL					Sacramento, Calif	50 7.02	56	2,202	2,2
s Moines, Iowa	53	57	2,286	2,351	San Diego, Calif San Francisco, Calif	102 191	93 217	3,417	3,3
lluth, Minn	24	22	1,191	1,159	Seattle, Wash	127	144	8,735 5,754	8,3 5,8
onsas City, Kans	32	43	1,406	1,555	Spokane, Wash	47	26	2,095	2,0
ansas City, Mo	121	100	4,933	4,995	Tacoma, Wash	35	36	1,737	1,6
nneapolis, Minn	112	147	5,442	5,371		7			S
maha, Nebr	86	55	2,974	2,918	Honolulu, Hawaii	(33)	(29)	(1,577)	(1,6

Symbols.—parentheses [()]: data not included in table 3; 3 dashes [---]: data not available.

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